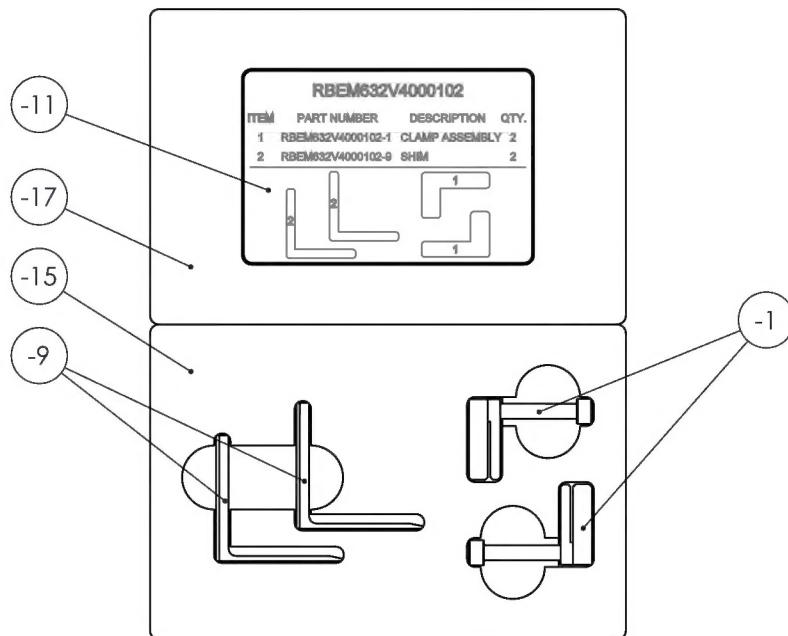



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	6/13/2016	DPD	JAG

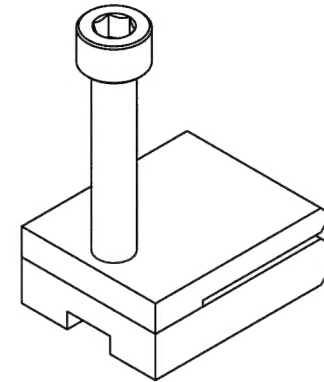
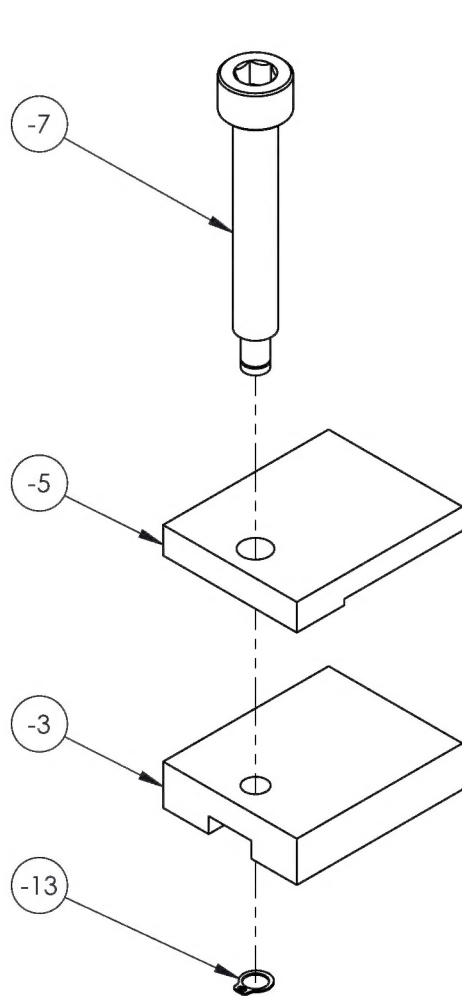


NOTES:
REF. AIRBUS T/N: M632V4000102.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.			
	X		-1	2	CLAMP ASSEMBLY			2	TITLE		
	1		-3		CLAMP BASE	6061		3	ROTOR BRAKE RIGGING SHIM		
	1		-5		CLAMP TOP	6061		4	DWG NO.		
	1		-7		SOCKET HEAD CAP SCREW	STEEL	M6 X 1mm X 45mm (MCMaster-CARR #91290A204) MODIFIED	5	RBEM632V4000102		
			-9	2	SHIM	1018/1020 CR		6	REV 1		
			-11	1	PLACARD	PLASTIC		7	MAT'L TREAT FINISH SPEC		
1	B/O	-13			EXTERNAL RETAINING RING	STEEL	Ø5/32 SHAFT (MCMaster-CARR #97633A115)	2	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°		
	B/O	-15	1		BOTTOM FOAM	Y20 BLACK	2.55 X 4.93 X 7.43 (I.R. SPECIALTY)	8	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		
	B/O	-17	1		TOP FOAM	Y20 BLACK	.72 X 4.93 X 7.43 (I.R. SPECIALTY)	9	2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009		
	B/O	-19	1		CASE	PLASTIC	PELICAN #APP-1120-E	N/S	DRAWN BY: DUERFELDT CHECKED: CLOUGH OPPTS APPR: ANDERSON		
	B/O		1		DART PLACARD	ALUMINUM	RB41011	N/S	QA APPR: LINDSAY APPROVED: GILBERT		
ASSY -1									USED ON MODEL H175		
								SCALE 1:3	DATE 4/14/2016	SHEET 1 OF 9	

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



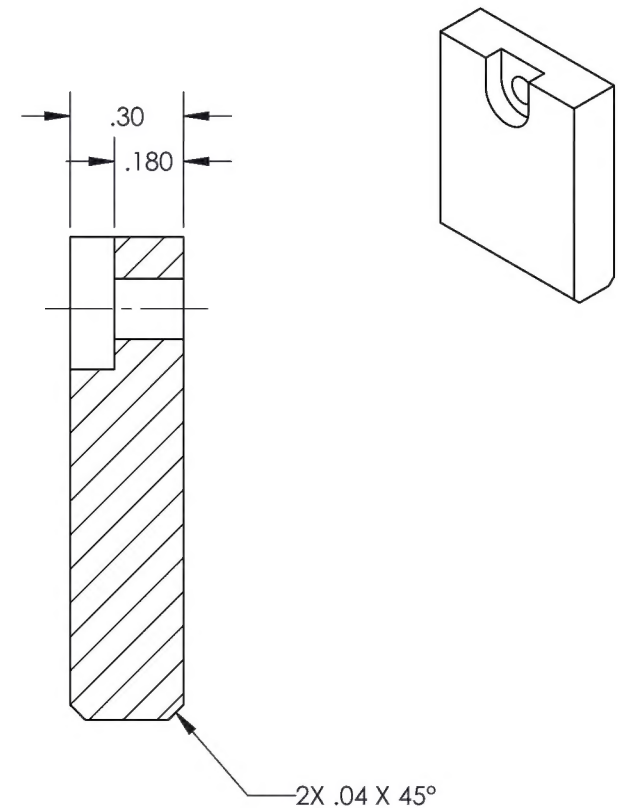
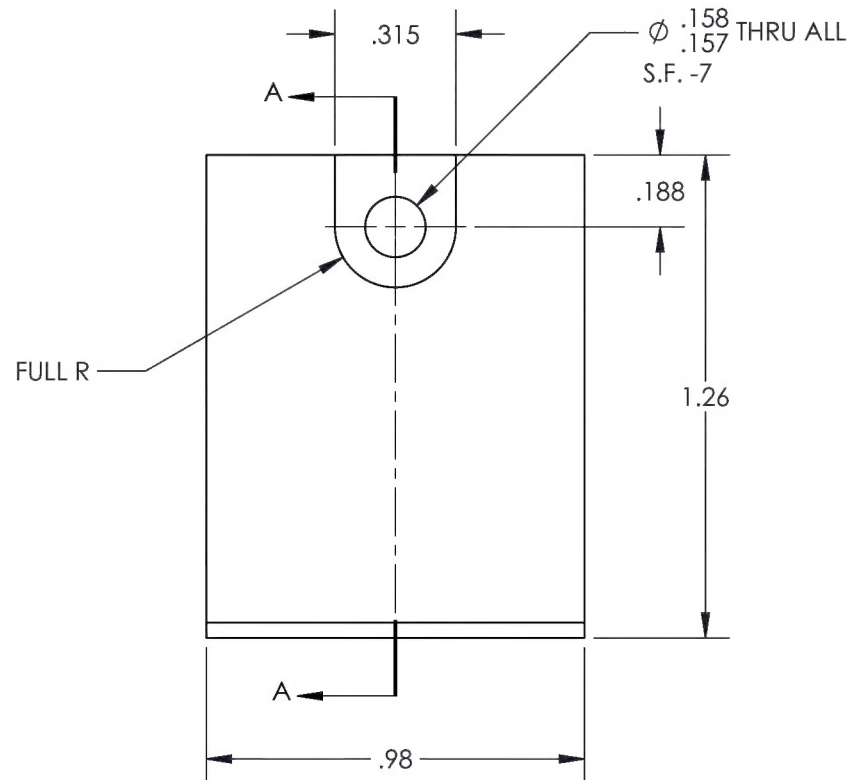
(-1)

CLAMP ASSEMBLY

DART AEROSPACE	
TITLE ROTOR BRAKE RIGGING SHIM	
DWG NO. RBEM632V4000102-1	REV 1
MAT'L STEEL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TREAT NONE	.XXX ± .005 FRACTIONS ± 1/8
FINISH NONE	.XX ± .01 ANGLES ± 5°
SPEC NONE	.X ± .1 SURFACES = 125° ✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:1	DATE 4/14/2016
SHEET 2 OF 9	

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



SECTION A-A

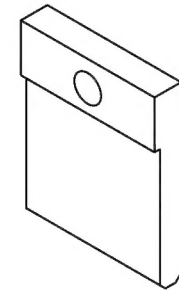
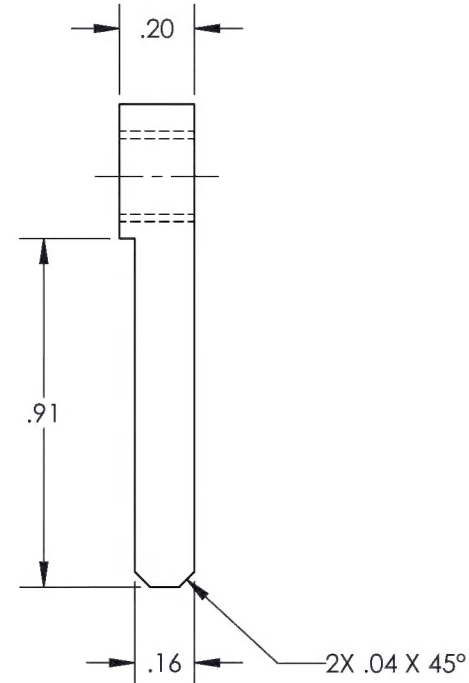
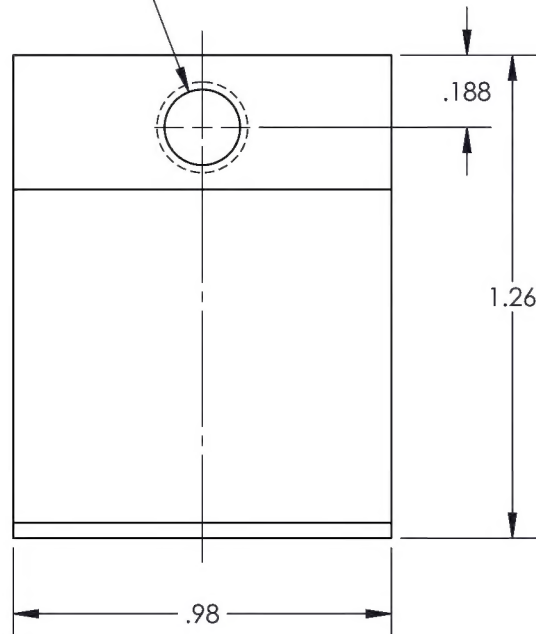
(-3)
CLAMP BASE

DART AEROSPACE	
TITLE ROTOR BRAKE RIGGING SHIM	
DWG NO. RBEM632V4000102-3	REV 1
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX \pm .005 FRACTIONS \pm 1/8
FINISH CLEAR ANODIZE	.XX \pm .01 ANGLES \pm .5°
SPEC MIL-A-8625F, TYPE II, CLASS I	.X \pm .1 SURFACES = 125
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 2:1	DATE 4/14/2016
SHEET 3 OF 9	

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

M6X1.0 - 6H THRU ALL

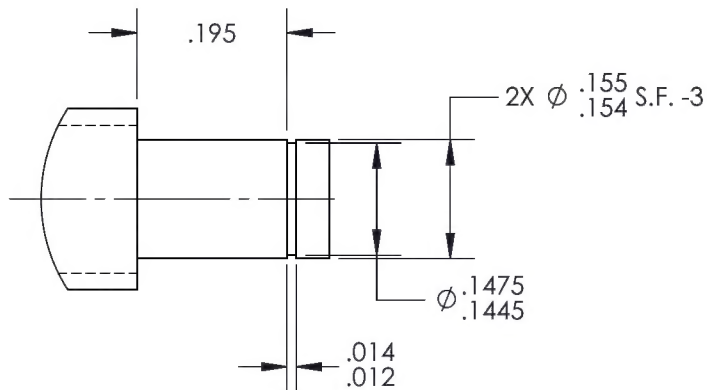
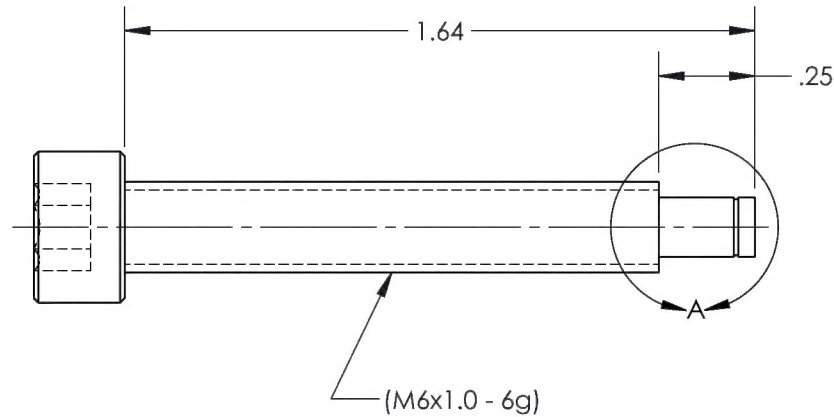
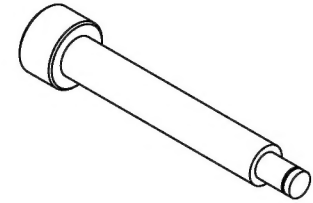


(-5)
CLAMP TOP

DART AEROSPACE	
TITLE ROTOR BRAKE RIGGING SHIM	
DWG NO. RBEM632V4000102-5	REV 1
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH CLEAR ANODIZE	.XX ± .01 ANGLES ± .5°
SPEC MIL-A-8625F, TYPE II, CLASS I	.X ± .1 SURFACES = 125° ✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 2:1	DATE 4/14/2016
SHEET 4 OF 9	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL



DETAIL A
SCALE 4 : 1

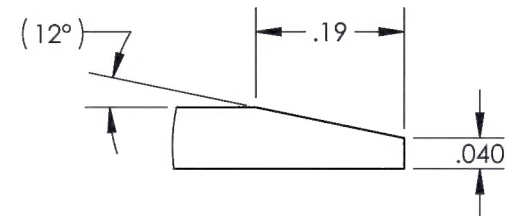
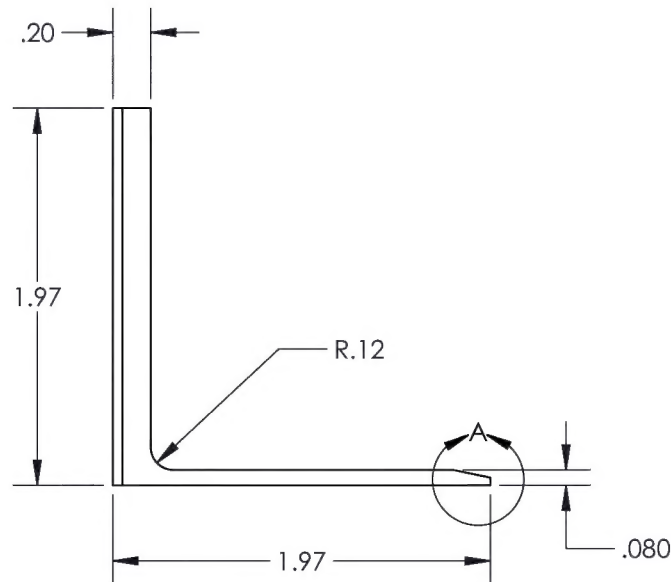
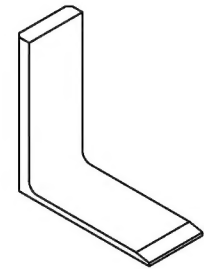
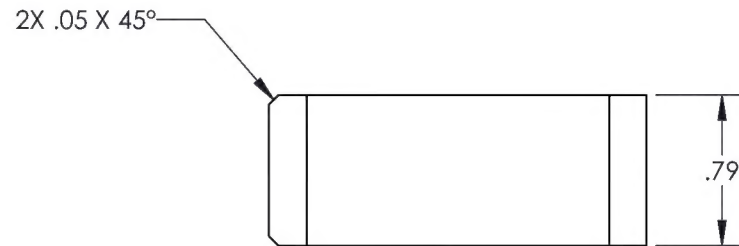
(-7)

SOCKET HEAD CAP SCREW

DART AEROSPACE	
TITLE ROTOR BRAKE RIGGING SHIM	
DWG NO. RBEM632V4000102-7	REV 1
MAT'L STEEL	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH BLACK OXIDE	.XXX ± .005 FRACTIONS ± 1/8
SPEC QMSI-6.2.2 REV D	.XX ± .01 ANGLES ± 5°
DRAWN BY: DUERFELDT	.X ± .1 SURFACES = 125°
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 2:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 4/14/2016	USED ON MODEL
SHEET 5 OF 9	H175

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				APPROVED



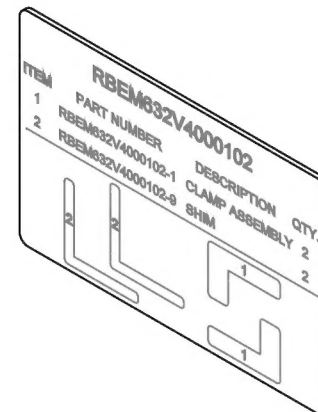
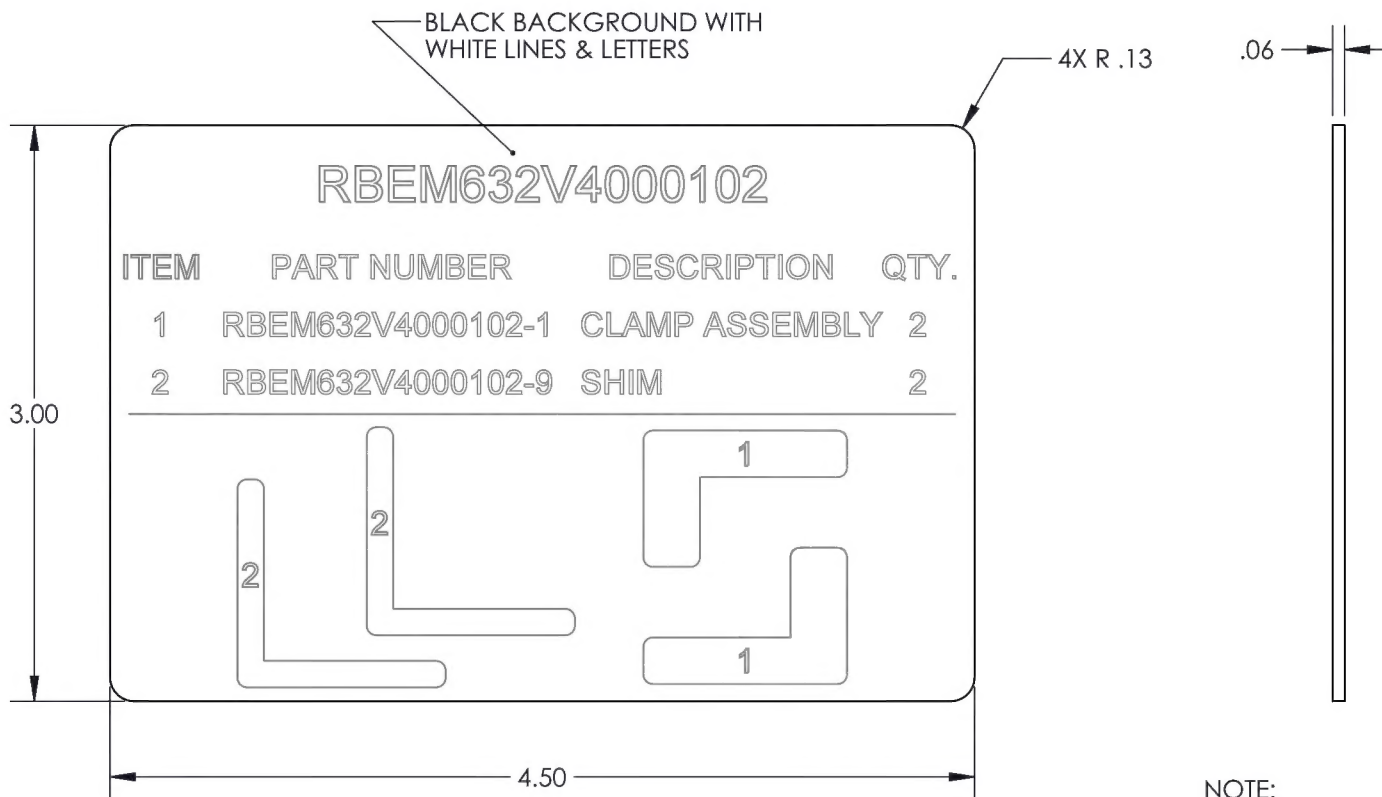
DETAIL A
SCALE 4 : 1

(-9)
SHIM

DART AEROSPACE	
TITLE ROTOR BRAKE RIGGING SHIM	
DWG NO. RBEM632V4000102-9	REV 1
MAT'L 1018/1020 CR HEAT TREAT FINISH BLACK OXIDE SPEC QMSI-6.2.2 REV D	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: DUERFELDT	USED ON MODEL
CHECKED: CLOUGH	H175
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:1	DATE 4/14/2016
SHEET 6 OF 9	

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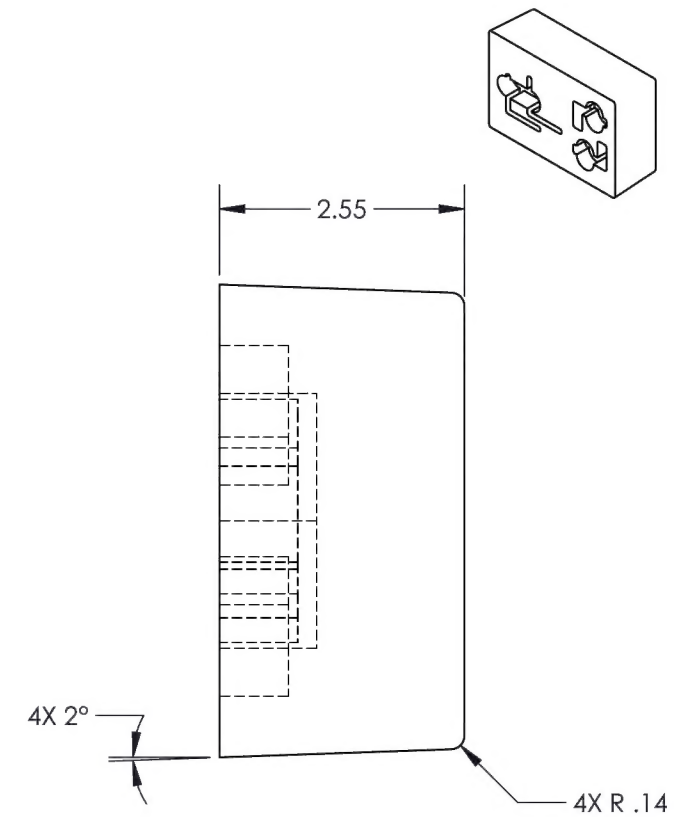
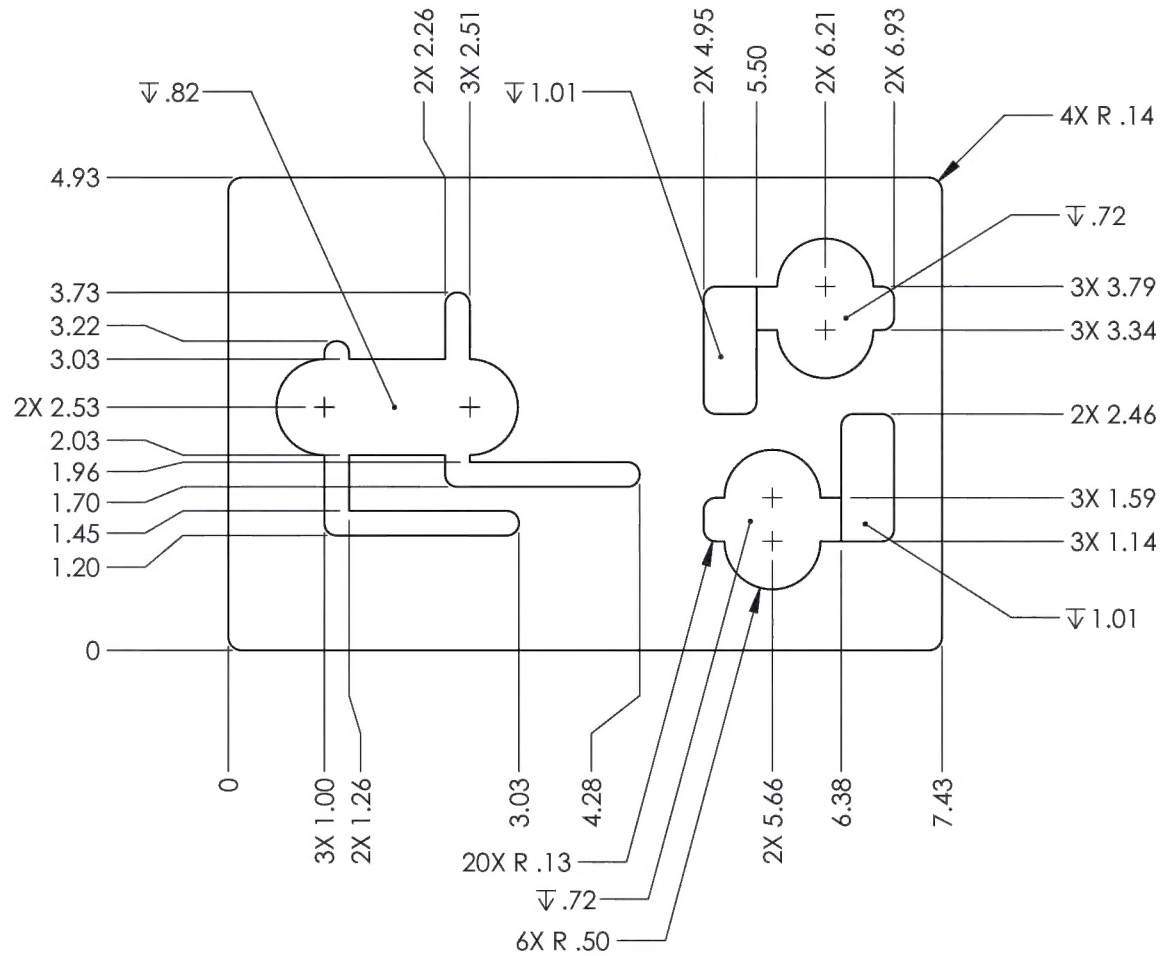
NOTE:
USE PDF.

(11)
PLACARD

DART AEROSPACE	
TITLE ROTOR BRAKE RIGGING SHIM	
DWG NO. RBEM632V4000102-11	REV 1
MAT'L PLASTIC HEAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: DUERFELDT	USED ON MODEL H175
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:1	DATE 4/14/2016
SHEET 7 OF 9	

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				APPROVED

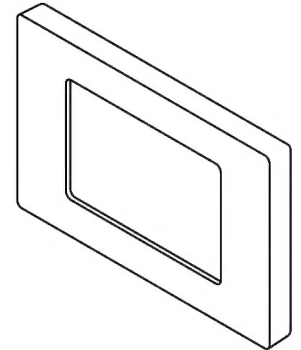
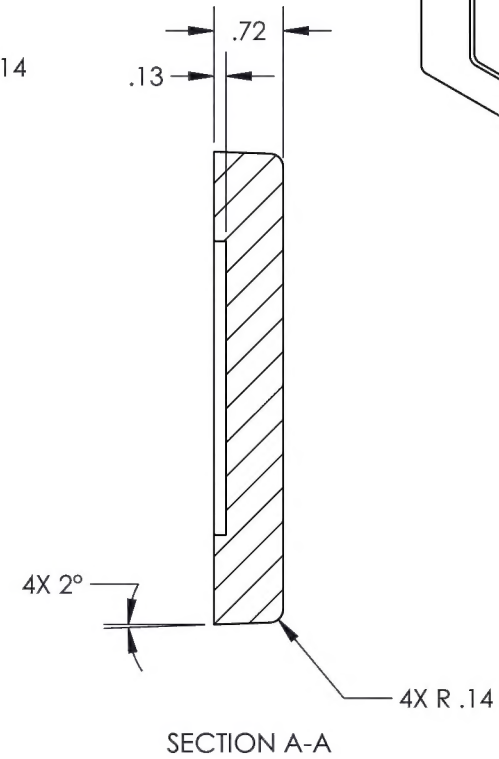
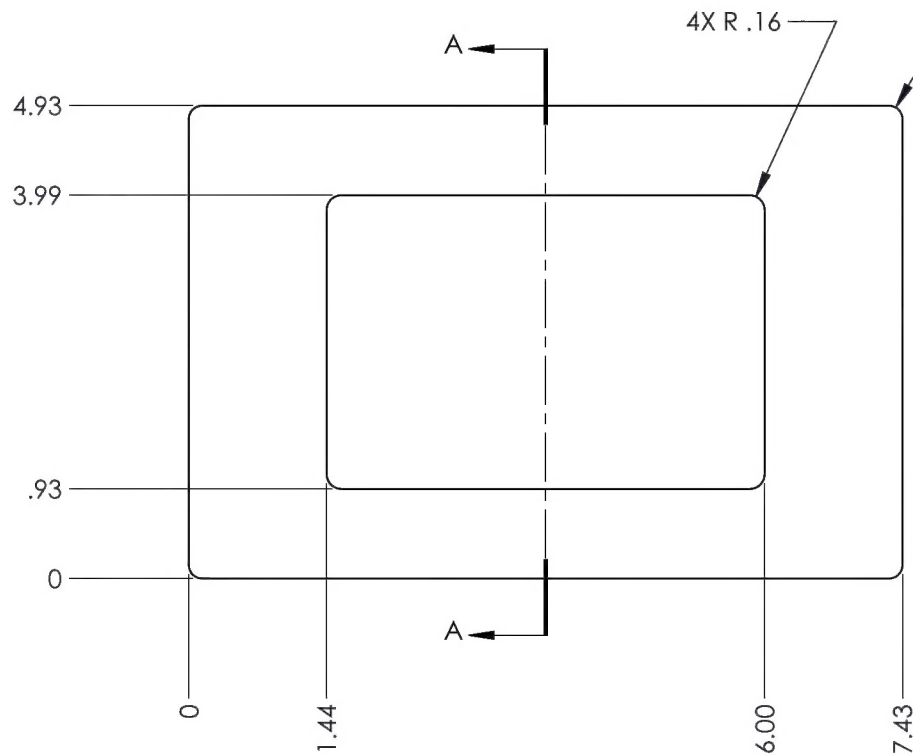


(-15)
BOTTOM FOAM

DART AEROSPACE	
TITLE ROTOR BRAKE RIGGING SHIM	
DWG NO. RBEM632V4000102-15	REV 1
MAT'L Y20 BLACK UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125✓	
SPEC	
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL H175	
SCALE 1:2	DATE 4/14/2016
SHEET 8 OF 9	

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(-17)
TOP FOAM

DART AEROSPACE	
TITLE ROTOR BRAKE RIGGING SHIM	
DWG NO. RBEM632V4000102-17	REV 1
MAT'L Y20 BLACK	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125/✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:2	DATE 4/14/2016
	SHEET 9 OF 9